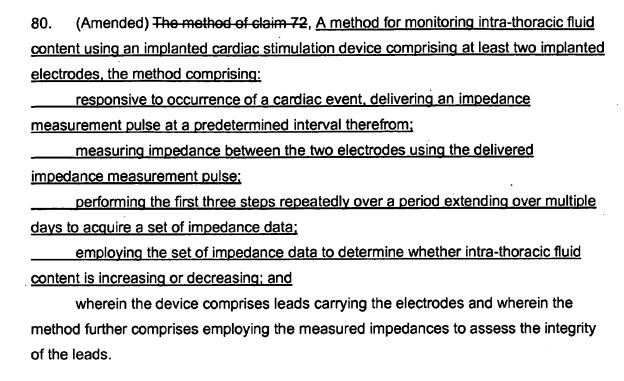
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## IN THE CLAIMS

Claims 1 – 79 (Cancelled)



- 81. (Previously presented) The method of claim 80, further comprising declaring the set of impedance data flawed responsive to the assessment of the integrity of the leads.
- 82. (Previously presented) The method of claim 81, wherein assessment of the integrity of the leads comprises comparing a measured impedance to a prior measured impedance to determine whether the measured impedance differs from the prior measured impedance by more than a defined amount.
- §3 §2:— (Cancelled) The method of claim 81, further comprising declaring the set of impedance data valid responsive to the measured impedance differing from the prior measured impedance by less than the defined amount.

content is increasing or decreasing; and

83. (Currently amended) The method of claim 72, A method for monitoring intra-
thoracic fluid content using an implanted cardiac stimulation device comprising at least
two implanted electrodes, the method comprising:
responsive to occurrence of a cardiac event, delivering an impedance
measurement pulse at a predetermined interval therefrom;
measuring impedance between the two electrodes using the delivered
impedance measurement pulse;
performing the first three steps repeatedly over a period extending over multiple
days to acquire a set of impedance data;
employing the set of impedance data to determine whether intra-thoracic fluid
content is increasing or decreasing; and
herein declaring the set of impedance data flawed is performed responsive to a
said measured impedance differing from a prior said measured impedance by more
than a defined amount.
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84. (Previously presented) The method of claim 83, further comprising declaring the
set of impedance data valid responsive to the said measured impedance differing from
the said prior measured impedance by less than the defined amount.
$\mathcal{L}_{\mathcal{A}}$
35. (Currently amended) The method of claim 72, A method for monitoring intra-
thoracic fluid content using an implanted cardiac stimulation device comprising at leas
two implanted electrodes, the method comprising:
responsive to occurrence of a cardiac event, delivering an impedance
measurement pulse at a predetermined interval therefrom;
measuring impedance between the two electrodes using the delivered
impedance measurement pulse;
performing the first three steps repeatedly over a period extending over multiple
days to acquire a set of impedance data;
employing the set of impedance data to determine whether intra-thoracic fluid

70/6 1.126

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wherein the device comprises at least a third electrode and wherein the method further comprises performing a cross check of the measured impedance values by measuring an impedance using the third electrode.

(Previously presented) The method of claim &5, wherein the method further comprises declaring the set of impedance data flawed is performed responsive to the impedance measured using the third electrode.

98 - 95 87 - 94. (Cancelled)

95. (Currently amended) The device of claim 87, A implantable device capable of measuring intra-thoracic fluid content, comprising:

at least two implantable electrodes,:

means for determining occurrences of cardiac events;

an impedance measurement means for measuring impedance between the electrodes repeatedly over a period extending over multiple days to acquire a set of impedance data, the impedance measurement means comprising:

means responsive to occurrence of a cardiac event, for delivering an impedance measurement pulse separated by a predetermined interval therefrom;

means for measuring impedance between the two electrodes using the delivered impedance measurement pulse; and

means responsive to the set of impedance data for determining whether intrathoracic fluid content is increasing or decreasing; and

wherein the device comprises leads carrying the electrodes and wherein the device further comprises means for employing the measured impedances to assess the integrity of the leads.

(Previously presented) The device of claim 95, further comprising means for declaring the set of impedance data flawed responsive to the assessment of the integrity of the leads.

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Page 5 of 10 (Previously presented) The device of claim 96, wherein the means for assessment of the integrity of the leads comprises means for comparing a measured. impedance to a prior measured impedance to determine whether the measured impedance differs from the prior measured impedance by more than a defined amount. 49 98. (Currently amended) The method of claim 87, A implantable device capable of measuring intra-thoracic fluid content, comprising: at least two implantable electrodes,: means for determining occurrences of cardiac events; an impedance measurement means for measuring impedance between the electrodes repeatedly over a period extending over multiple days to acquire a set of impedance data, the impedance measurement means comprising: means responsive to occurrence of a cardiac event, for delivering an impedance measurement pulse separated by a predetermined interval therefrom; means for measuring impedance between the two electrodes using the delivered impedance measurement pulse; and means responsive to the set of impedance data for determining whether intrathoracic fluid content is increasing or decreasing; and further comprising means for declaring the set of impedance data valid responsive to a measured impedance differing from a prior measured impedance by less than a defined amount. (Currently amended) The device of claim 87, A implantable device capable of measuring intra-thoracic fluid content, comprising: at least two implantable electrodes,:

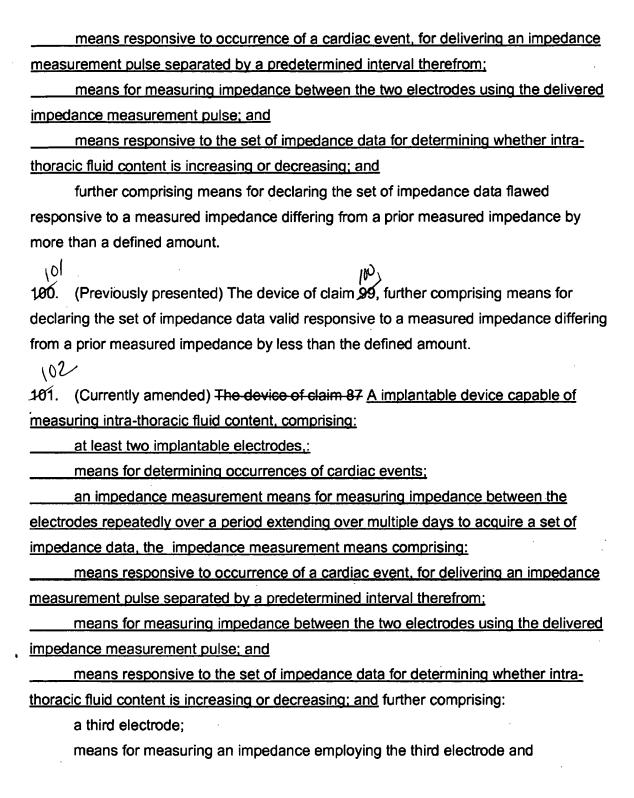
means for determining occurrences of cardiac events;

impedance data, the impedance measurement means comprising:

an impedance measurement means for measuring impedance between the

electrodes repeatedly over a period extending over multiple days to acquire a set of

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means for performing a cross check of the set of impedance data by measuring an impedance using the third electrode.

102. (Previously presented) The device of claim 101, further comprising: means for declaring the set of impedance data flawed responsive to the impedance measured using the third electrode.

10 f - 107 103 - 106. (Cancelled)